

01-31-02

PTO/SB/05 (08-00)

Approved for use through 10/31/2002 OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. MCA-499Div.

First Inventor Benny Garcia

Title IMPROVED ELECTRODEIONIZATION SYSTEM

Express Mail Label No. ET121813705US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 12]   
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 2 ]
5. Oath or Declaration [ Total Pages 1 ]   
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 17 completed)*
  - i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of (when there is an assignee)  Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16.  Other: Replacement Sheet

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)of prior application No.: 09 / 616,137

Prior application information:

Examiner Parsons, Thomas H.Group / Art Unit: 1741

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

Name	Kevin S. Lemack			
Address	Nields & Lemack			
	176 E. Main Street			
City	Westboro	State	MA	Zip Code
Country	U.S.A.	Telephone	(508) 898-1818	Fax
				01581

Name (Print/Type)	Kevin S. Lemack	Registration No. (Attorney/Agent)	32,579
Signature	Jan. 29, 2002		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 740.00)

## Complete if Known

Application Number	Not yet assigned
Filing Date	Herewith By Express Mail
First Named Inventor	Benny Garcia
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	MCA-499Div.

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	14-0930
Deposit Account Name	Nields & Lemack

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

SUBTOTAL (2) (\$ 0)

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ )

\*\*or number previously paid, if greater; For Reissues, see above

## Complete (if applicable)

Name (Print/Type)	Kevin S. Lemack	Registration No. (Attorney/Agent)	32,579	Telephone	(508) 898-1818
Signature				Date	Jan. 29, 2002

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

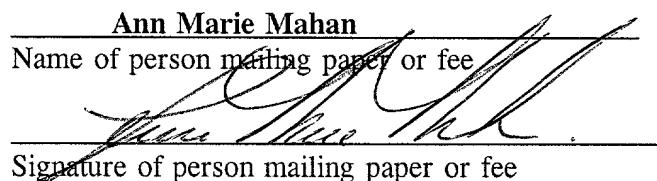
Applicants : Benny Garcia, et al.  
Serial No. : Not yet assigned  
Filed : Herewith By Express Mail  
For : IMPROVED ELECTRODEIONIZATION SYSTEM  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-499Div.  
Type of paper : Letter

"EXPRESS MAIL" MAILING LABEL NO. ET121813705US  
DATE OF DEPOSIT: January 29, 2002

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, **BOX: PATENT APPLICATION.**

Ann Marie Mahan

Name of person mailing paper or fee

  
Signature of person mailing paper or fee

Attorney Docket No. **MCA-499Div.**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Benny Garcia and Andrew Proulx**

For: **IMPROVED ELECTRODEIONIZATION SYSTEM**

Assistant Commissioner of Patents  
BOX: PATENT APPLICATION  
Washington, D.C. 20231

Sir:

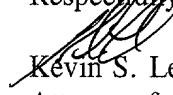
**LETTER**

The above-identified applicant enclose for filing a Divisional patent application entitled "**IMPROVED ELECTRODEIONIZATION SYSTEM**". Said attached Divisional patent application includes (1) Utility Patent Application Transmittal Letter (1-Page); (2) Divisional Patent Application: 12-page Specification (including 2-Pages of Claims (7) and 1-Page Abstract), 2-sheets A4 size drawings and a copy of the executed combined Declaration (1-Page) filed in prior application serial no. 09/616,137; (3) Preliminary Amendment (1-Page), together with a Replacement sheet (1-Page); and (4) Fee transmittal Form, together with a check in the amount of \$740.00 in payment of the filing fee.

All correspondence concerning this application should be mailed to:

**Kevin S. Lemack  
Nields & Lemack  
176 E. Main Street  
Westboro, Massachusetts 01581**

Respectfully submitted,

  
**Kevin S. Lemack  
Attorney for Applicants  
Registration No. 32,579  
Nields & Lemack  
176 E. Main Street  
Westboro, Massachusetts 01581  
TEL: (508) 898-1818**

Date: January 29, 2002

**EXPRESS MAIL NO: ET121813705US**

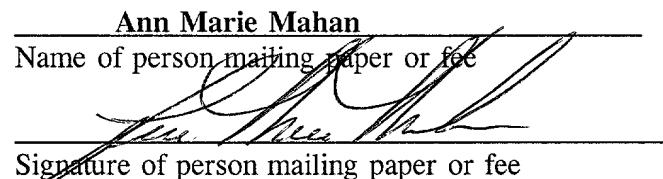
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Applicants : Benny Garcia, et al.  
Serial No. : Not yet assigned  
Filed : Herewith By Express Mail  
For : IMPROVED ELECTRODEIONIZATION SYSTEM  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-499Div.  
Type of paper : Fee Transmittal Form, together with a check

"EXPRESS MAIL" MAILING LABEL NO. ET121813705US  
DATE OF DEPOSIT: January 29, 2002

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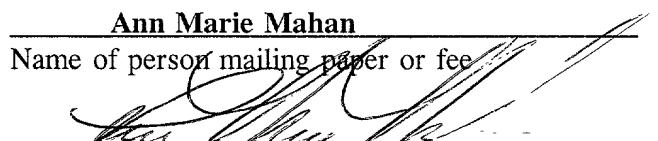
Applicants : Benny Garcia, et al.  
Serial No. : Not yet assigned  
Filed : Herewith By Express Mail  
For : IMPROVED ELECTRODEIONIZATION SYSTEM  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-499Div.  
Type of paper : **Divisional Patent Application, together with a copy of the executed Declaration from the prior application serial no. 09/616,137**

"EXPRESS MAIL" MAILING LABEL NO. ET121813705US  
DATE OF DEPOSIT: January 29, 2002

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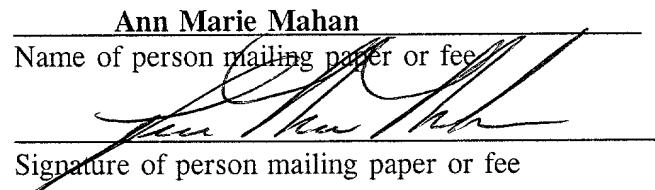
  
Ann Marie Mahan  
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Applicants : Benny Garcia, et al.  
Serial No. : Not yet assigned  
Filed : Herewith By Express Mail  
For : IMPROVED ELECTRODEIONIZATION SYSTEM  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-499Div.  
**Type of paper** : Preliminary Amendment

"EXPRESS MAIL" MAILING LABEL NO. ET121813705US  
DATE OF DEPOSIT: January 29, 2002

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11002 U.S. Pro  
10/059573  
01/29/02  

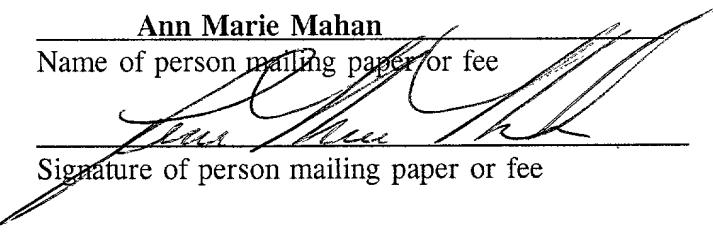

Applicants : Benny Garcia, et al.  
Serial No. : Not yet assigned  
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For : IMPROVED ELECTRODEIONIZATION SYSTEM  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney  
Docket No. : MCA-499Div.  
Type of paper : Utility Patent Application Transmittal Form

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